

REASONS FOR ALLOWANCE

1. Claims 1-27 allowed over prior arts made of record.
2. The following is an examiner's statement of reasons for allowance: the prior arts made of record fails to teach or fairly suggest in combination a clock deviation measurement circuit connected to said register for determining a number M of periods of the sampling signal appearing during k periods of the synchronization signal, and for comparing the number M to a tolerance margin defined by a lower threshold and an upper threshold.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The prior arts made of record and not relied upon is considered pertinent to Applicant's disclosure.

Ryan (US 6,359,946 B1) discloses clock synchronization for asynchronous data transmission.

Clark (US 3,754,102) discloses frame synchronization system.

Wang (US 5,563,891) discloses a system and method for reducing waiting time jitter in a pulse-stuffing multiplexer of a communications network.

Choi (US 5,131,013) discloses asynchronous-synchronous digital transmission signal conversion.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn D. Feild, can be reached on (571) 272-2092.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

April 16, 2008

/Brenda Pham/

Primary Examiner, Art Unit 2616